Remarks

Applicant respectfully requests reconsideration of this application as amended. Claims 1, 8, 10-13, 17, and 20-34 have been amended. Claims 7 and 9 have been cancelled. Therefore, claims 1-6, 8 and 10-34 are presented for examination.

Claims 1, 2, 5, 6, 17-19, and 30 stand rejected under 35 U.S.C. §102(e) as being anticipated by Lok et al. (U.S. Pub. No. 2003/0182469). Applicant submits that the present claims are patentable over Lok.

Lok discloses that a component in an user interface toolkit may be configured to render a graphical item and the remote-capable component may be configured to generate a command to render a graphical item. Similarly, the server may be configured to communicate the message to the user interface toolkit on the remote client to render a graphical item in response to the invocation by the application. The component of the user interface toolkit on the remote client may be configured to render the graphical item in response to the message. See Lok at paragraph [0027].

Claim 1 of the present application recites receiving, a motion command, an index, a plurality of display coordinates and a time value, wherein the motion command directs animation of an image object stored in an image cache referenced by the index at the plurality of display coordinates over the received time period. Applicant submits that nowhere in Lok is there disclosed or suggested a device *receiving a motion command, an index, a plurality of display coordinates and a time value*, and subsequently *directing animation of an image object stored in an image cache referenced by the index at the plurality of display coordinates over the received time period*. Thus, claim 1 and its dependent claims are patentable over Lok.

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Independent claims 17, 24 and 30 each include limitations similar to those recited in claim 1, and therefore are patentable over Lok for reasons similar to those discussed above with respect to claim 1.

Claims 3, 4, 7, 9-11, 15, 16, 20, 21, 24-27, 31, and 32 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lok et al. (U.S. Pub. No. 2003/0182469) in view of Merrill et al. (U.S. Patent No. 6,369,821). Applicant submits that the present claims are patentable over Lok even in view of Merrill.

Merrill discloses an animation system that provides synchronization services to synchronize actions of two more interactive user interface characters that are displayed simultaneously. The animation services allow applications to make animation requests to control the actions of characters on the display. These actions include playing one of the character's animation sequences and generating speech output with lip-synched animation of the character's mouth. Accessible via script commands or an Application Programming Interface, the synchronization services allow an application to control interaction between two or more characters on the display. Applications can synchronize actions by invoking straightforward commands such as Wait, Interrupt, or Stop. In response to these commands, the animation server synchronizes scheduled actions by halting playback of a character until a specified action of another character completes or halting a specified action of one character after scheduled actions for another character are completed. See Merrill at Abstract.

Nevertheless, Merrill does not disclose or suggest receiving a motion command, an index, a plurality of display coordinates and a time value and directing animation of an image object stored in an image cache referenced by a received index at a plurality of display

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coordinates over the received time period. As discussed above, Lok does not disclose or suggest such features. Thus, any combination of Lok and Merrill would not disclose or suggest the features. As a result, the present claims are patentable over Lok in view of Merrill.

Claims 8, 12, 13, 22, 23, 28, 29, 33, and 34 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lok et al., in view of Merrill et al., in further view of Stern (U.S. Patent No. 4,600,919). Applicant submits that the present claims are patentable over Lok even in view of Stern.

Stern discloses an improved method and apparatus for generating a sequence of video frames representative of three-dimensional animation. A plurality of key frames are stored, each key frame including a common figure having one or more joints, and each joint having associated therewith a set of vectors defining a limb. Each joint is defined in each frame by operator-controllable parameters which determine the three-dimensional position, rotational orientation, and scale factors of a local coordinate system in which the limb vectors are placed. A plurality of in-between frames are generated, the in-between frames including the common figure having one or more joints and limbs corresponding to the joints and limbs of the common figure in the key frames. The parameters of the joints of the in-between frames are obtained by interpolating in three dimensions, the position, rotational orientation, and scale factors of the corresponding joints of the key frames. In the preferred embodiment, the joints of each figure are arranged in hierarchical order, and the positional coordinates and rotational orientations of the local coordinate system for a particular joint are determined with respect to the local coordinate system of the next higher joint in the hierarchy. Also, the

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operator can control the interpolation during display of the in-between frames, so as to change the motion of a figure limb. See Stern at Abstract.

However, Stern does not disclose or suggest receiving a motion command, an index, a plurality of display coordinates and a time value and directing animation of an image object stored in an image cache referenced by a received index at a plurality of display coordinates over the received time period. As discussed above, Lok does not disclose or suggest such features. Thus, any combination of Lok and Stern not disclose or suggest the features. Accordingly, the present claims are patentable over Lok in view of Stern.

Claim 14 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Lok et al., in view of Merrill et al., in further view of Richardson (NPL Document, "The RFB Protocol"). Applicant submits that the present claims are patentable over Lok even in view of Richardson since Richardson also fails to disclose or suggest receiving a motion command, an index, a plurality of display coordinates and a time value and directing animation of an image object stored in an image cache referenced by a received index at a plurality of display coordinates over the received time period. Therefore, the present claims are patentable over Lok in view of Richardson.

Applicant submits that the rejections have been overcome and that the claims are in condition for allowance. Accordingly, applicant respectfully requests the rejections be withdrawn and the claims be allowed.

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

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Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: <u>December 19, 2007</u>

Mark L. Watson
Reg. No. 46,322

1279 Oakmead Parkway
Sunnyvale, California 94085-4040
(303) 740-1980

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